



March 31, 2016

Jim Orr, R.G.
NWR Cleanup Program
Remedial Action Project Manager
Oregon Department of Environmental Quality
700 NE Multnomah Street; Suite 600
Portland, Oregon 97232

**Re: February 2016 Stormwater Sampling Summary Report
Lampros Properties, 9040 North Burgard Way, Portland, Oregon**

Dear Mr. Orr,

This summary report has been prepared regarding recently completed stormwater sampling activities at the Lampros Properties site located at 9040 North Burgard Way in Portland, Oregon (Site). Stormwater sampling activities were completed per the *Performance Monitoring Work Plan* (Work Plan), included as Appendix A to the *Draft Source Control Evaluation (SCE) Report* submitted to DEQ.

Stormwater Sampling Activities

SLR completed stormwater sampling activities at the Site on February 17, 2016. As stated in the Work Plan, there are no point discharges that are exclusively from the Site; therefore, representative samples of stormwater were collected at on-site select discrete catch basins. Pre filter and post filter stormwater samples were collected per the Work Plan as permitted. A hydrograph of the February 2016 storm event is included as **Appendix A**.

Deviations from the Work Plan and previous sampling at the Site include the following:

- Due to observations of off-site stormwater flowing onto the Site from the south, CB-33 and CB-25 are no longer designated as stormwater sampling locations. Instead, catch basins CB-23 and CB-26 were designated as alternate sampling points along with CB-3 and CB-11. The sampling locations are shown on the attached **Figure 1**.
- Sample location CB-23 was not sampled due to insufficient flow (Photographs included in **Appendix B**)
- While CB-26 does not directly receive surface flow from off-site, there is forklift traffic in the area that appears to track sediment from off-site drainage that enters the Site to the drainage area around CB-26. The sample results from CB-26 do not reflect Site stormwater only. Due to concerns over this tracking of off-site sediment, a new stormwater sampling location is proposed to represent Site conditions only.

March 31, 2016
Jim Orr, R.G.
Page 2

- Stormwater was not observed flowing off-site to the North (towards N. Burgard Way) during this storm event (Photographs included in **Appendix B**).

Laboratory Analytical Results

Laboratory analyses were performed by Specialty Analytical of Clackamas, Oregon. A copy of the laboratory analytical report is included as **Appendix C**. A summary table comparing laboratory analytical results to selected screening level values (SLVs) is included as **Table 1**.

Off-Site Stormwater

In order to address off-site stormwater from entering the property, Lampros Properties has installed an asphalt berm across the north entrance of the property adjacent to N. Burgard Way and have placed erosion control measures (straw wattles) to prohibit the migration of off-site stormwater and sediment to the Site from the north (photographs included in **Appendix B**). In addition, discussions have been initiated with neighboring properties to the south of the Site where off-site stormwater has been observed entering the Site during several storm events including the February 17, 2016 stormwater sampling event. Permanent solutions to prohibiting off-site stormwater from entering the Site from the south is currently under design review and sandbags will be placed in areas where stormwater has been observed entering the Site prior to the next stormwater sampling event. Lampros Properties will continue to provide updates to DEQ on the status of efforts made to minimize the surface flow of off-site stormwater.

Conclusion

Another stormwater sampling event is planned for second quarter 2016. BMPs outlined in the Draft SCE will continue including sweeping of paved areas and inspection and repairs to existing catch basin inserts.

Please let us know if you have any questions.

Sincerely,
SLR International Corporation



R. Scott Miller, P.E.
Managing Principal



Chris Kramer
Project Scientist

March 31, 2016

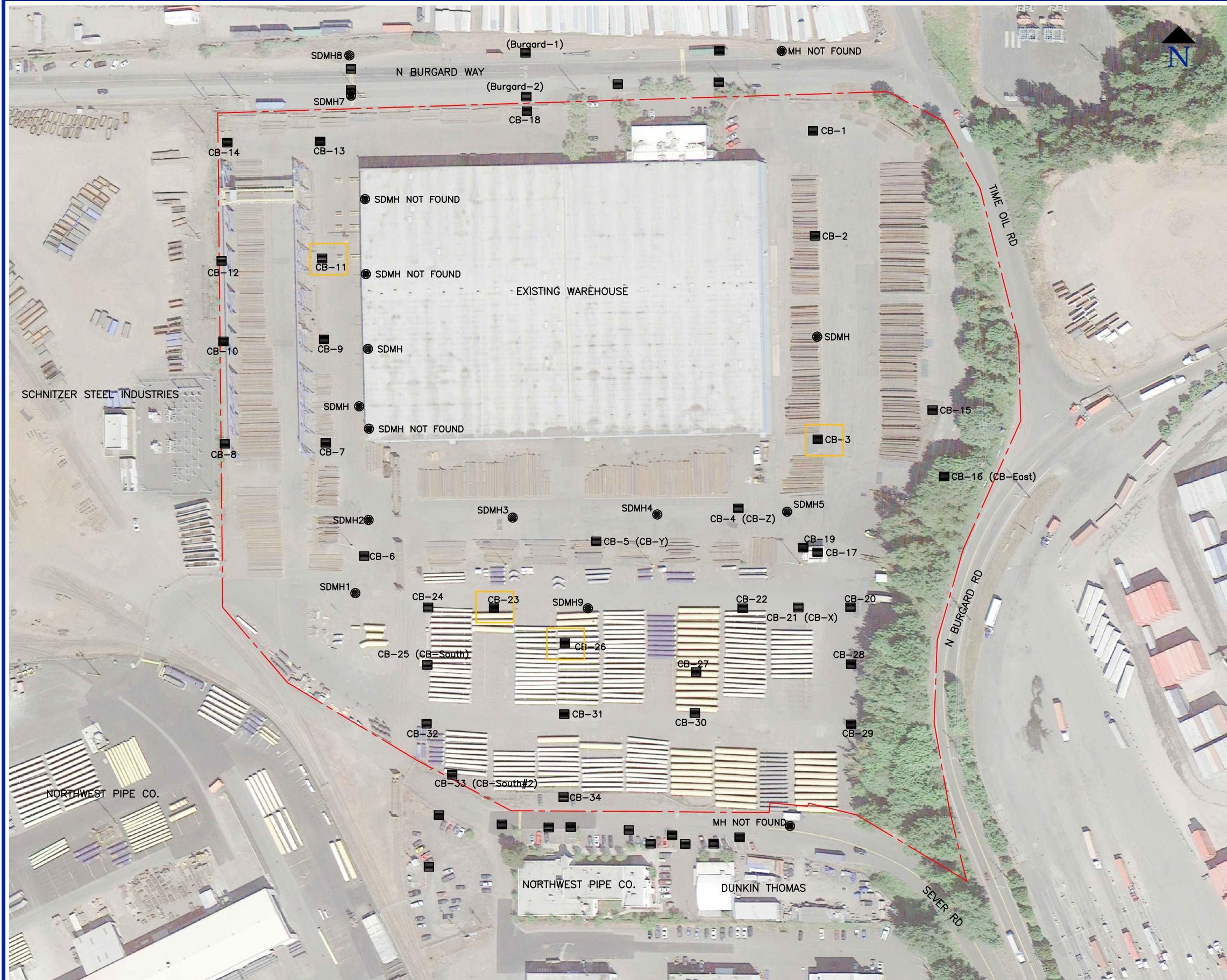
Jim Orr, R.G.

Page 3

cc Marcus Lampros
 Drew Gilpin
 Eva DeMaria, EPA
 Sean Seldrake, EPA

Enc Figure 1
 Table 1
 Appendix A – Hydrograph
 Appendix B – Photo Sheet
 Appendix C – Laboratory Analytical Report

FIGURES



NOTES
AERIAL IMAGE PROVIDED BY GOOGLE EARTH, 2012
CATCH BASIN AND MANHOLE LOCATIONS FROM NOVEMBER 2010 SITE MAP FOR STORM SYSTEM PREPARED BY TERRA HYDR FOR EVRAZ OREGON STEEL AND AUGUST 25, 2015 SITE VISIT
CATCH BASIN NUMBERS DESIGNATED FOR THIS REPORT AND NAMES IN PARENTHESES ARE FORMER SAMPLE NAMES FROM PREVIOUS SAMPLING EVENTS

LEGEND	
	APPROXIMATE PROPERTY BOUNDARY
■	CATCH BASIN
●	MANHOLE
□	STORMWATER SAMPLE LOCATIONS FOR FEBRUARY 17, 2016

LAMPROS PROPERTIES 9040 NORTH BURGARD WAY PORTLAND, OREGON

Report FEBRUARY 2016 STORMWATER SAMPLING SUMMARY REPORT

Drawing SITE PLAN

Date MARCH 2016	Scale AS SHOWN	Fig. No. 1
File Name FEB16 SUMMARY	Project No. 108.00895.00002	



TABLES

Table 1. Stormwater Analytical Results

February 2016 Sampling Event

Lampros Properties

9040 N. Burgard Way

Portland, Oregon

Sample Location	SLV for Portland Harbor ¹	Portland Harbor PRG - Protected Water Uses ²	Portland Harbor PRG - Direct Contact/Ingestion ²	February 17, 2016 Stormwater Sampling Event			
				On-site Stormwater			
				CB-3-Post	CB-11-Post	CB-26	On-site Average ³
TS5 (mg/L)	--	--	--	74	143	335	184
Total Petroleum Hydrocarbons							
GRO	--	--	--	<100	<100	<100	ND
DRO	--	--	--	391	485	1,160	A1 679
RRO	--	--	--	1,170	1,100	4,240	A2 2,170
TOC	--	--	--	5,370	4,220	7,220	5,603
PCBs Aroclors							
Aroclor 1016	0.96	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1221	0.034	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1232	0.034	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1242	0.034	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1248	0.034	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1254	0.033	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1260	0.034	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1262	--	--	--	<0.0216	<0.0203	<0.0195	ND
Aroclor 1268	--	--	--	<0.0216	<0.0203	<0.0195	ND
Total PCBs	0.000064	0.000006	0.2	ND	ND	ND	ND
PAHs							
Anthracene	0.2	--	--	0.386	<0.0538	1.23	0.808
Acenaphthene	0.2	--	--	<0.0508	0.075	<0.049	0.075
Acenaphthylene	0.2	--	--	<0.0508	<0.0538	0.892	0.892
Benz(a)anthracene	0.018	0.0012	0.027	1.26	0.097	1.90	1.09
Benz(a)pyrene	0.018	0.00012	0.014	1.28	0.172	2.96	1.47
Benz(b)fluoranthene	0.018	0.0012	--	1.33	0.226	5.11	2.22
Benz(g,h,i)perylene	0.2	--	--	0.761	0.160	4.06	1.66
Benz(k)fluoranthene	0.018	0.0013	--	0.609	0.065	0.441	0.372
Chrysene	0.018	0.0013	--	1.41	0.290	3.08	1.59
Dibenz(a,h)anthracene	0.018	0.00012	--	0.223	<0.0538	0.735	0.479
Fluoranthene	0.2	--	--	2.82	0.527	4.51	2.62
Fluorene	0.2	--	--	0.081	<0.0538	<0.049	0.081
Indeno(1,2,3-cd)pyrene	0.018	0.0012	--	0.69	0.129	2.67	1.16
Naphthalene	0.2	--	12	0.051	0.065	0.078	0.065
Phenanthrene	0.2	--	--	1.41	0.570	0.951	0.977
Pyrene	0.2	--	--	2.80	0.527	5.62	2.98
Total PAHs	--	--	--	15.1	2.90	34.2	17.4
Metals							
Aluminum (pH 6.5 - 9.0)	50	--	--	3,130	3,790	10,200	5,707
Antimony	6	--	--	<0.5	<0.5	0.873	0.873
Arsenic	0.045	0.02	--	0.417	0.579	2.07	1.02
Cadmium	0.094	--	--	0.134	0.115	0.604	0.284
Chromium, total	100	--	--	7.45	6.95	23.4	12.6
Copper	2.7	--	3	16.1	14.7	56.7	29.2
Lead	0.54	--	--	7.31	7.67	44.7	19.9
Manganese	50	--	--	167	123	579	290
Mercury	0.77	--	--	<0.1	<0.1	<0.1	ND
Nickel	16	--	--	5.65	5.86	24.6	12.0
Silver	0.12	--	--	<0.1	<0.1	<0.1	ND
Zinc	36	--	36.5	408	98.6	677	395
Phthalate Esters							
Bis (2-ethylhexyl) phthalate	2.2	--	--	<1.05	<1.18	<0.978	ND
Benzylbutyl phthalate	3	--	--	<1.05	<1.18	<0.978	ND
Diethyl phthalate	3	--	--	<1.05	<1.18	<0.978	ND
Dimethyl phthalate	3	--	--	<1.05	<1.18	<0.978	ND
Di-n-butyl phthalate	3	--	--	<1.05	<1.18	<0.978	ND
Di-n-octyl phthalate	3	--	--	<1.05	<1.18	<0.978	ND

Notes:

All results are in micrograms per liter (µg/L) unless noted

1 - Screening Level Value per Portland Harbor Joint Source Control Strategy Table 3.1 (July 16, 2007)

2 - Draft EPA Preliminary Remediation Goals as provided by DEQ in August 6, 2015 by email, Table 2.2-1

3 - On-site Average includes post-filter sample results from CB-3 and CB-11 and results from CB-26 (no filter)

A1 - This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards

A2 - This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against lube oil calibration standard

bold - indicates a value detected above the reporting limit

indicates value greater than SLV

indicates value greater than Protected Water Uses PRG

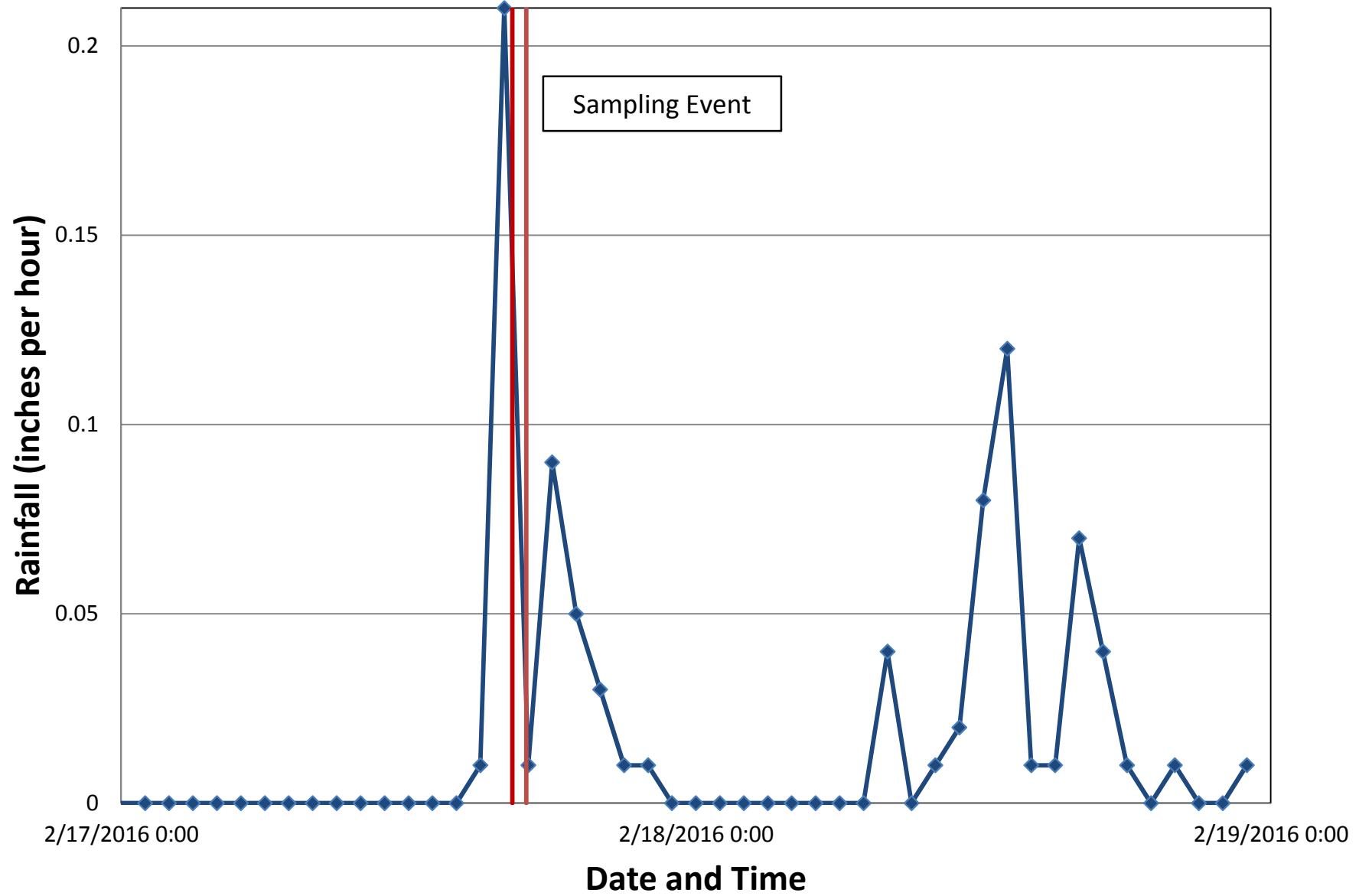
indicates value greater than Direct Contact/Ingestion PRG

-- indicates parameter was not analyzed or data not available

APPENDIX A

HYDROGRAPH

Hydrograph for February 16, 2016 Sampling Event



APPENDIX B

PHOTO SHEETS



Insufficient Flow at CB-23 on February 17th. No Sample Collected.



Northwest corner of property looking towards N Burgard. Flow Not Observed February 17th

Site Photographs
2/17/16

**Appendix B
Photo Sheet
Lampros Properties**

SLR



Asphalt berm constructed across north entrance off of N Burgard Way



Erosion control measures (straw wattles) placed at north entrance off of N Burgard Way

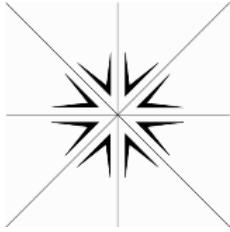
Site Photographs
3/24/16

**Appendix B
Photo Sheet
Lampros Properties**

SLR

APPENDIX C

LABORATORY ANALYTICAL REPORT



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 01, 2016

Chris Kramer
SLR International Corp.
1800 Blankenship Rd.
Ste 440
West Linn, OR 97068

TEL: (503) 723-4423
FAX:
RE: Lampros / 108.00895.00003

Dear Chris Kramer:

Order No.: 1602143

Specialty Analytical received 5 sample(s) on 2/18/2016 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. Collection Date: 2/17/2016 4:20:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-001

Client Sample ID: CB-26

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX - RBC		NWTPH-DX				Analyst: JRC
Diesel	1.16	0.198	A1	mg/L	1	2/18/2016 5:48:00 PM
Lube Oil	4.24	0.495	A2	mg/L	1	2/18/2016 5:48:00 PM
Surr: o-Terphenyl	48.7	50-150	SMI	%REC	1	2/18/2016 5:48:00 PM
NWTPH-GX		NWTPH-GX				Analyst: JRC
Gasoline	ND	100		µg/L	1	2/19/2016 11:55:00 AM
Surr: 4-Bromofluorobenzene	121	50-150		%REC	1	2/19/2016 11:55:00 AM
ICP/MS METALS- TOTAL RECOVERABLE		E200.8				Analyst: JRC
Aluminum	10200	200		µg/L	20	2/22/2016 10:18:53 AM
Antimony	0.873	0.500		µg/L	1	2/19/2016 10:38:29 AM
Arsenic	2.07	0.100		µg/L	1	2/19/2016 10:38:29 AM
Cadmium	0.604	0.100		µg/L	1	2/19/2016 10:38:29 AM
Chromium	23.4	0.100		µg/L	1	2/19/2016 10:38:29 AM
Copper	56.7	0.500		µg/L	1	2/19/2016 10:38:29 AM
Lead	44.7	0.100		µg/L	1	2/19/2016 10:38:29 AM
Manganese	579	5.00		µg/L	10	2/22/2016 10:01:59 AM
Nickel	24.6	0.500		µg/L	1	2/19/2016 10:38:29 AM
Silver	ND	0.100		µg/L	1	2/19/2016 10:38:29 AM
Zinc	677	20.0		µg/L	10	2/22/2016 10:01:59 AM
TOTAL MERCURY-AQUEOUS		E245.2				Analyst: BW
Mercury	ND	0.000100		mg/L	1	2/23/2016 8:00:59 PM
SEMI-VOLATILE COMPOUNDS - BASE/NEUTRAL SW8270D						Analyst: CK
Bis(2-ethylhexyl)phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Butyl benzyl phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Diethyl phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Dimethyl phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Di-n-butyl phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Di-n-octyl phthalate	ND	0.978		µg/L	1	2/25/2016 5:50:00 PM
Surr: 2-Fluorobiphenyl	73.0	33.1-96.2		%REC	1	2/25/2016 5:50:00 PM
Surr: 4-Terphenyl-d14	82.0	41-122		%REC	1	2/25/2016 5:50:00 PM
Surr: Nitrobenzene-d5	79.6	23.8-112		%REC	1	2/25/2016 5:50:00 PM
PAH'S BY GC/MS - LOW LEVEL		SW8270D				Analyst: CK
Acenaphthene	ND	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Acenaphthylene	0.892	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Anthracene	1.23	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Benz(a)anthracene	1.90	0.0490		µg/L	1	2/25/2016 12:27:00 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:20:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-001

Client Sample ID: CB-26

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PAH'S BY GC/MS - LOW LEVEL						
Benzo(a)pyrene	2.96	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Benzo(b)fluoranthene	5.11	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Benzo(g,h,i)perylene	4.06	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Benzo(k)fluoranthene	0.441	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Chrysene	3.08	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Dibenz(a,h)anthracene	0.735	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Fluoranthene	4.51	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Fluorene	ND	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Indeno(1,2,3-cd)pyrene	2.67	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Naphthalene	0.0784	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Phenanthrene	0.951	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Pyrene	5.62	0.0490		µg/L	1	2/25/2016 12:27:00 PM
Surr: 2-Fluorobiphenyl	85.7	18.6-106		%REC	1	2/25/2016 12:27:00 PM
Surr: Nitrobenzene-d5	65.8	17-130		%REC	1	2/25/2016 12:27:00 PM
Surr: Terphenyl-d14	88.1	39.6-131		%REC	1	2/25/2016 12:27:00 PM
PCB'S IN LIQUID						
Aroclor 1016	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1221	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1232	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1242	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1248	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1254	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1260	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1262	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Aroclor 1268	ND	0.0195		µg/L	1	2/22/2016 2:54:00 PM
Surr: Decachlorobiphenyl	66.2	45-107		%REC	1	2/22/2016 2:54:00 PM
ORGANIC CARBON, TOTAL						
Organic Carbon, Total	7.22	1.00		mg/L	1	2/18/2016 11:00:21 AM
TOTAL SUSPENDED SOLIDS						
Total Suspended Solids	335	5.00		mg/L	1	2/18/2016 4:08:05 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:25:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-002

Client Sample ID: CB-11-Pre

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS- TOTAL RECOVERABLE	E200.8					Analyst: JRC
Aluminum	4810	100		µg/L	10	2/22/2016 10:05:21 AM
Antimony	ND	0.500		µg/L	1	2/19/2016 10:41:52 AM
Arsenic	0.601	0.100		µg/L	1	2/19/2016 10:41:52 AM
Cadmium	ND	0.100		µg/L	1	2/19/2016 10:41:52 AM
Chromium	7.86	0.100		µg/L	1	2/19/2016 10:41:52 AM
Copper	15.4	0.500		µg/L	1	2/19/2016 10:41:52 AM
Lead	9.16	0.100		µg/L	1	2/19/2016 10:41:52 AM
Manganese	145	5.00		µg/L	10	2/22/2016 10:05:21 AM
Nickel	5.95	0.500		µg/L	1	2/19/2016 10:41:52 AM
Silver	ND	0.100		µg/L	1	2/19/2016 10:41:52 AM
Zinc	107	20.0		µg/L	10	2/22/2016 10:05:21 AM
TOTAL MERCURY-AQUEOUS	E245.2					Analyst: BW
Mercury	ND	0.000100		mg/L	1	2/23/2016 8:08:59 PM
TOTAL SUSPENDED SOLIDS	M2540 D					Analyst: EFH
Total Suspended Solids	107	5.00		mg/L	1	2/18/2016 4:10:05 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:30:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-003

Client Sample ID: CB-11-POST

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX - RBC		NWTPH-DX				Analyst: JRC
Diesel	0.485	0.0831		mg/L	1	2/19/2016 9:27:00 AM
Lube Oil	1.10	0.208		mg/L	1	2/19/2016 9:27:00 AM
Surr: o-Terphenyl	141	50-150		%REC	1	2/19/2016 9:27:00 AM
NWTPH-GX		NWTPH-GX				Analyst: JRC
Gasoline	ND	100		µg/L	1	2/19/2016 12:23:00 PM
Surr: 4-Bromofluorobenzene	118	50-150		%REC	1	2/19/2016 12:23:00 PM
ICP/MS METALS- TOTAL RECOVERABLE		E200.8				Analyst: JRC
Aluminum	3790	100		µg/L	10	2/22/2016 10:08:44 AM
Antimony	ND	0.500		µg/L	1	2/19/2016 10:45:14 AM
Arsenic	0.579	0.100		µg/L	1	2/19/2016 10:45:14 AM
Cadmium	0.115	0.100		µg/L	1	2/19/2016 10:45:14 AM
Chromium	6.95	0.100		µg/L	1	2/19/2016 10:45:14 AM
Copper	14.7	0.500		µg/L	1	2/19/2016 10:45:14 AM
Lead	7.67	0.100		µg/L	1	2/19/2016 10:45:14 AM
Manganese	123	5.00		µg/L	10	2/22/2016 10:08:44 AM
Nickel	5.86	0.500		µg/L	1	2/19/2016 10:45:14 AM
Silver	ND	0.100		µg/L	1	2/19/2016 10:45:14 AM
Zinc	98.6	20.0		µg/L	10	2/22/2016 10:08:44 AM
TOTAL MERCURY-AQUEOUS		E245.2				Analyst: BW
Mercury	ND	0.000100		mg/L	1	2/23/2016 8:10:59 PM
SEMI-VOLATILE COMPOUNDS - BASE/NEUTRAL SW8270D						Analyst: CK
Bis(2-ethylhexyl)phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Butyl benzyl phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Diethyl phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Dimethyl phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Di-n-butyl phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Di-n-octyl phthalate	ND	1.18		µg/L	1	2/25/2016 4:40:00 PM
Surr: 2-Fluorobiphenyl	61.7	33.1-96.2		%REC	1	2/25/2016 4:40:00 PM
Surr: 4-Terphenyl-d14	81.8	41-122		%REC	1	2/25/2016 4:40:00 PM
Surr: Nitrobenzene-d5	58.7	23.8-112		%REC	1	2/25/2016 4:40:00 PM
PAH'S BY GC/MS - LOW LEVEL		SW8270D				Analyst: CK
Acenaphthene	0.0753	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Acenaphthylene	ND	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Anthracene	ND	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Benz(a)anthracene	0.0968	0.0538		µg/L	1	2/25/2016 11:36:00 AM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:30:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-003

Client Sample ID: CB-11-POST

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PAH'S BY GC/MS - LOW LEVEL						
Benzo(a)pyrene	0.172	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Benzo(b)fluoranthene	0.226	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Benzo(g,h,i)perylene	0.161	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Benzo(k)fluoranthene	0.0645	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Chrysene	0.290	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Dibenz(a,h)anthracene	ND	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Fluoranthene	0.527	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Fluorene	ND	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Indeno(1,2,3-cd)pyrene	0.129	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Naphthalene	0.0645	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Phenanthrene	0.570	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Pyrene	0.527	0.0538		µg/L	1	2/25/2016 11:36:00 AM
Surr: 2-Fluorobiphenyl	84.6	18.6-106		%REC	1	2/25/2016 11:36:00 AM
Surr: Nitrobenzene-d5	75.8	17-130		%REC	1	2/25/2016 11:36:00 AM
Surr: Terphenyl-d14	96.9	39.6-131		%REC	1	2/25/2016 11:36:00 AM
PCB'S IN LIQUID						
		SW 8082A				Analyst: ajr
Aroclor 1016	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1221	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1232	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1242	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1248	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1254	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1260	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1262	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Aroclor 1268	ND	0.0203		µg/L	1	2/22/2016 3:11:00 PM
Surr: Decachlorobiphenyl	73.4	45-107		%REC	1	2/22/2016 3:11:00 PM
ORGANIC CARBON, TOTAL						
Organic Carbon, Total	4.22	1.00		mg/L	1	2/18/2016 11:30:21 AM
TOTAL SUSPENDED SOLIDS						
Total Suspended Solids	143	5.00		mg/L	1	2/18/2016 4:14:05 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. Collection Date: 2/17/2016 4:40:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-004

Client Sample ID: CB-3-POST

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX - RBC		NWTPH-DX				Analyst: JRC
Diesel	0.391	0.0865		mg/L	1	2/19/2016 9:49:00 AM
Lube Oil	1.17	0.216		mg/L	1	2/19/2016 9:49:00 AM
Surr: o-Terphenyl	130	50-150		%REC	1	2/19/2016 9:49:00 AM
NWTPH-GX		NWTPH-GX				Analyst: JRC
Gasoline	ND	100		µg/L	1	2/19/2016 12:50:00 PM
Surr: 4-Bromofluorobenzene	118	50-150		%REC	1	2/19/2016 12:50:00 PM
ICP/MS METALS- TOTAL RECOVERABLE		E200.8				Analyst: JRC
Aluminum	3130	100		µg/L	10	2/22/2016 10:12:06 AM
Antimony	ND	0.500		µg/L	1	2/19/2016 10:48:37 AM
Arsenic	0.417	0.100		µg/L	1	2/19/2016 10:48:37 AM
Cadmium	0.134	0.100		µg/L	1	2/19/2016 10:48:37 AM
Chromium	7.45	0.100		µg/L	1	2/19/2016 10:48:37 AM
Copper	16.1	0.500		µg/L	1	2/19/2016 10:48:37 AM
Lead	7.31	0.100		µg/L	1	2/19/2016 10:48:37 AM
Manganese	167	5.00		µg/L	10	2/22/2016 10:12:06 AM
Nickel	5.65	0.500		µg/L	1	2/19/2016 10:48:37 AM
Silver	ND	0.100		µg/L	1	2/19/2016 10:48:37 AM
Zinc	408	20.0		µg/L	10	2/22/2016 10:12:06 AM
TOTAL MERCURY-AQUEOUS		E245.2				Analyst: BW
Mercury	ND	0.000100		mg/L	1	2/23/2016 8:12:59 PM
SEMI-VOLATILE COMPOUNDS - BASE/NEUTRAL SW8270D						Analyst: CK
Bis(2-ethylhexyl)phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Butyl benzyl phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Diethyl phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Dimethyl phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Di-n-butyl phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Di-n-octyl phthalate	ND	1.05		µg/L	1	2/25/2016 5:16:00 PM
Surr: 2-Fluorobiphenyl	53.2	33.1-96.2		%REC	1	2/25/2016 5:16:00 PM
Surr: 4-Terphenyl-d14	66.5	41-122		%REC	1	2/25/2016 5:16:00 PM
Surr: Nitrobenzene-d5	55.9	23.8-112		%REC	1	2/25/2016 5:16:00 PM
PAH'S BY GC/MS - LOW LEVEL		SW8270D				Analyst: CK
Acenaphthene	ND	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Acenaphthylene	ND	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Anthracene	0.386	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Benz(a)anthracene	1.26	0.0508		µg/L	1	2/25/2016 12:02:00 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:40:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-004

Client Sample ID: CB-3-POST

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PAH'S BY GC/MS - LOW LEVEL						
Benzo(a)pyrene	1.28	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Benzo(b)fluoranthene	1.33	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Benzo(g,h,i)perylene	0.761	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Benzo(k)fluoranthene	0.609	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Chrysene	1.41	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Dibenz(a,h)anthracene	0.223	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Fluoranthene	2.82	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Fluorene	0.0812	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Indeno(1,2,3-cd)pyrene	0.690	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Naphthalene	0.0508	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Phenanthrene	1.41	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Pyrene	2.80	0.0508		µg/L	1	2/25/2016 12:02:00 PM
Surr: 2-Fluorobiphenyl	81.5	18.6-106		%REC	1	2/25/2016 12:02:00 PM
Surr: Nitrobenzene-d5	69.2	17-130		%REC	1	2/25/2016 12:02:00 PM
Surr: Terphenyl-d14	98.6	39.6-131		%REC	1	2/25/2016 12:02:00 PM
PCB'S IN LIQUID						
Aroclor 1016	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1221	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1232	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1242	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1248	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1254	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1260	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1262	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Aroclor 1268	ND	0.0216		µg/L	1	2/22/2016 3:28:00 PM
Surr: Decachlorobiphenyl	101	45-107		%REC	1	2/22/2016 3:28:00 PM
ORGANIC CARBON, TOTAL						
Organic Carbon, Total	5.37	1.00		mg/L	1	2/18/2016 12:00:21 PM
TOTAL SUSPENDED SOLIDS						
Total Suspended Solids	74.0	5.00		mg/L	1	2/18/2016 4:16:05 PM

Specialty Analytical

Date Reported: 01-Mar-16

CLIENT: SLR International Corp. **Collection Date:** 2/17/2016 4:55:00 PM

Project: Lampros / 108.00895.00003

Lab ID: 1602143-005

Client Sample ID: CB-3-Pre

Matrix: STORM WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP/MS METALS- TOTAL RECOVERABLE	E200.8					Analyst: JRC
Aluminum	3390	100		µg/L	10	2/22/2016 10:15:29 AM
Antimony	ND	0.500		µg/L	1	2/19/2016 10:51:59 AM
Arsenic	0.527	0.100		µg/L	1	2/19/2016 10:51:59 AM
Cadmium	0.134	0.100		µg/L	1	2/19/2016 10:51:59 AM
Chromium	9.29	0.100		µg/L	1	2/19/2016 10:51:59 AM
Copper	17.1	0.500		µg/L	1	2/19/2016 10:51:59 AM
Lead	9.48	0.100		µg/L	1	2/19/2016 10:51:59 AM
Manganese	195	5.00		µg/L	10	2/22/2016 10:15:29 AM
Nickel	6.01	0.500		µg/L	1	2/19/2016 10:51:59 AM
Silver	ND	0.100		µg/L	1	2/19/2016 10:51:59 AM
Zinc	99.0	2.00		µg/L	1	2/19/2016 10:51:59 AM
TOTAL MERCURY-AQUEOUS	E245.2					Analyst: BW
Mercury	ND	0.000100		mg/L	1	2/23/2016 8:14:59 PM
TOTAL SUSPENDED SOLIDS	M2540 D					Analyst: EFH
Total Suspended Solids	51.0	5.00		mg/L	1	2/18/2016 4:18:05 PM

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: ICV	SampType: ICV	TestCode: 200.8	Units: µg/L	Prep Date:			RunNo: 23901				
Client ID: ICV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016			SeqNo: 322338				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	502	10.0	500.0	0	100	90	110				
Antimony	48.2	0.500	50.00	0	96.3	90	110				
Arsenic	48.9	0.100	50.00	0	97.8	90	110				
Cadmium	50.0	0.100	50.00	0	100	90	110				
Chromium	49.4	0.100	50.00	0	98.8	90	110				
Copper	49.9	0.500	50.00	0	99.8	90	110				
Lead	49.4	0.100	50.00	0	98.8	90	110				
Manganese	50.2	0.500	50.00	0	100	90	110				
Nickel	50.2	0.500	50.00	0	100	90	110				
Silver	54.2	0.100	50.00	0	108	90	110				
Zinc	48.1	2.00	50.00	0	96.3	90	110				

Sample ID: LCS-10796	SampType: LCS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016			RunNo: 23901				
Client ID: LCSW	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016			SeqNo: 322340				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	468	10.0	500.0	0	93.6	85	115				
Antimony	49.4	0.500	50.00	0	98.8	85	115				
Arsenic	48.4	0.100	50.00	0	96.7	85	115				
Cadmium	51.0	0.100	50.00	0	102	85	115				
Chromium	44.5	0.100	50.00	0	88.9	85	115				
Copper	49.0	0.500	50.00	0	98.0	85	115				
Lead	50.2	0.100	50.00	0	100	85	115				
Manganese	45.8	0.500	50.00	0	91.6	85	115				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 1 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: LCS-10796	SampType: LCS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: LCSW	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322340
Analyte					
Nickel	Result	PQL	SPK value	SPK Ref Val	%REC
Nickel	48.1	0.500	50.00	0	96.2
Silver					85
Silver	55.9	0.100	50.00	0	112
Zinc					115
Zinc	50.4	2.00	50.00	0	101
Zinc					85
Zinc					115

Sample ID: 1602134-001CDUP	SampType: DUP	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322342
Analyte					
Antimony	Result	PQL	SPK value	SPK Ref Val	%REC
Antimony	ND	0.500			0
Arsenic					0
Arsenic	0.497	0.100			0.6140
Cadmium					21.1
Cadmium	ND	0.100			0
Chromium					20
Chromium	1.90	0.100			1.999
Copper					5.00
Copper	4.95	0.500			4.927
Lead					0.429
Lead	0.450	0.100			0.5146
Nickel					20
Nickel	2.64	0.500			13.5
Silver					0.5146
Silver	ND	0.100			0
Zinc					0
Zinc	14.7	2.00			20
Zinc					RF

Sample ID: MB-10796	SampType: MBLK	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: PBW	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322343
Analyte					
Aluminum	Result	PQL	SPK value	SPK Ref Val	%REC
Aluminum	ND	10.0			LowLimit
Aluminum					HighLimit
Aluminum					RPD Ref Val
Aluminum					%RPD
Aluminum					RPDLimit
Aluminum					Qual

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 2 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: MB-10796	SampType: MBLK	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: PBW	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322343
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Antimony	ND	0.500			
Arsenic	ND	0.100			
Cadmium	ND	0.100			
Chromium	ND	0.100			
Copper	ND	0.500			
Lead	ND	0.100			
Manganese	ND	0.500			
Nickel	ND	0.500			
Silver	ND	0.100			
Zinc	ND	2.00			

Sample ID: 1602134-001CMS	SampType: MS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322344
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Antimony	43.0	0.500	50.00	0.3376	85.3
Arsenic	50.5	0.100	50.00	0.6140	99.8
Cadmium	51.4	0.100	50.00	0.07802	103
Chromium	49.3	0.100	50.00	1.999	94.6
Copper	54.8	0.500	50.00	4.927	99.8
Lead	50.3	0.100	50.00	0.5146	99.7
Nickel	52.4	0.500	50.00	2.987	98.8
Silver	52.1	0.100	50.00	0.07202	104
Zinc	67.6	2.00	50.00	15.34	104

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSdlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 3 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: 1602134-001CMS	SampType: MS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322344
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: 1602134-001CMSD	SampType: MSD	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/18/2016	SeqNo: 322345
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Antimony	43.2	0.500	50.00	0.3376	85.7 70 130 42.98 0.444 20
Arsenic	50.2	0.100	50.00	0.6140	99.3 70 130 50.50 0.501 20
Cadmium	50.1	0.100	50.00	0.07802	100 70 130 51.45 2.69 20
Chromium	48.8	0.100	50.00	1.999	93.5 70 130 49.30 1.11 20
Copper	54.4	0.500	50.00	4.927	99.0 70 130 54.82 0.736 20
Lead	51.0	0.100	50.00	0.5146	101 70 130 50.35 1.31 20
Nickel	52.0	0.500	50.00	2.987	98.1 70 130 52.37 0.640 20
Silver	51.7	0.100	50.00	0.07202	103 70 130 52.15 0.963 20
Zinc	65.3	2.00	50.00	15.34	100 70 130 67.57 3.35 20

Sample ID: ICV	SampType: ICV	TestCode: 200.8	Units: µg/L	Prep Date:	RunNo: 23901
Client ID: ICV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016	SeqNo: 322465
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	487	10.0	500.0	0	97.3 90 110
Antimony	49.5	0.500	50.00	0	99.1 90 110
Arsenic	49.7	0.100	50.00	0	99.4 90 110
Cadmium	50.9	0.100	50.00	0	102 90 110

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 4 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: ICV	SampType: ICV	TestCode: 200.8	Units: µg/L	Prep Date:			RunNo: 23901		
Client ID: ICV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016			SeqNo: 322465		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chromium	48.8	0.100	50.00	0	97.6	90	110		
Copper	49.8	0.500	50.00	0	99.6	90	110		
Lead	48.0	0.100	50.00	0	96.0	90	110		
Manganese	49.2	0.500	50.00	0	98.4	90	110		
Nickel	49.7	0.500	50.00	0	99.3	90	110		
Silver	54.6	0.100	50.00	0	109	90	110		
Zinc	49.4	2.00	50.00	0	98.8	90	110		

Sample ID: CCV	SampType: CCV	TestCode: 200.8	Units: µg/L	Prep Date:			RunNo: 23901		
Client ID: CCV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016			SeqNo: 322466		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Aluminum	512	10.0	500.0	0	102	90	110		
Antimony	49.3	0.500	50.00	0	98.6	90	110		
Arsenic	49.4	0.100	50.00	0	98.7	90	110		
Cadmium	49.8	0.100	50.00	0	99.6	90	110		
Chromium	49.9	0.100	50.00	0	99.8	90	110		
Copper	49.1	0.500	50.00	0	98.1	90	110		
Lead	47.7	0.100	50.00	0	95.4	90	110		
Manganese	48.8	0.500	50.00	0	97.6	90	110		
Nickel	48.9	0.500	50.00	0	97.8	90	110		
Silver	53.4	0.100	50.00	0	107	90	110		
Zinc	48.5	2.00	50.00	0	97.0	90	110		

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 5 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: CCV	SampType: CCV	TestCode: 200.8	Units: µg/L	Prep Date:			RunNo: 23901				
Client ID: CCV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016			SeqNo: 322475				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	499	10.0	500.0	0	99.8	90	110				
Antimony	49.4	0.500	50.00	0	98.8	90	110				
Arsenic	48.5	0.100	50.00	0	96.9	90	110				
Cadmium	46.4	0.100	50.00	0	92.9	90	110				
Chromium	47.3	0.100	50.00	0	94.6	90	110				
Copper	48.8	0.500	50.00	0	97.5	90	110				
Lead	47.4	0.100	50.00	0	94.8	90	110				
Manganese	50.1	0.500	50.00	0	100	90	110				
Nickel	49.2	0.500	50.00	0	98.3	90	110				
Silver	51.6	0.100	50.00	0	103	90	110				
Zinc	49.7	2.00	50.00	0	99.4	90	110				

Sample ID: 1602134-001CDUP	SampType: DUP	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016			RunNo: 23901				
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016			SeqNo: 322477				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	1490	100						1471	1.13	20	
Manganese	217	5.00						220.5	1.53	20	

Sample ID: 1602134-001CMS	SampType: MS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016			RunNo: 23901				
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016			SeqNo: 322478				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 6 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: 1602134-001CMS	SampType: MS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901						
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/19/2016	SeqNo: 322478						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	281	5.00	50.00	220.5	122	70	130				

Sample ID: ICV	SampType: ICV	TestCode: 200.8	Units: µg/L	Prep Date:	RunNo: 23901						
Client ID: ICV	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/22/2016	SeqNo: 322633						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	473	10.0	500.0	0	94.7	90	110				
Manganese	50.2	0.500	50.00	0	100	90	110				

Sample ID: 1602134-001CMS	SampType: MS	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901						
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/22/2016	SeqNo: 322636						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2320	100	500.0	1471	169	70	130				S
Manganese	288	5.00	50.00	220.5	135	70	130				SMC

Sample ID: 1602134-001CMSD	SampType: MSD	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901						
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/22/2016	SeqNo: 322637						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2320	100	500.0	1471	170	70	130	2318	0.0867	20	S
Manganese	282	5.00	50.00	220.5	124	70	130	287.8	1.92	20	

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit	Page 7 of 26
	O RSD is greater than RSDLimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco	

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: 200.8

Sample ID: 1602134-001CMSD	SampType: MSD	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/22/2016	SeqNo: 322637
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: 1602134-001CDUP	SampType: DUP	TestCode: 200.8	Units: µg/L	Prep Date: 2/17/2016	RunNo: 23901
Client ID: ZZZZZZ	Batch ID: 10796	TestNo: E200.8	E200.8	Analysis Date: 2/22/2016	SeqNo: 322646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	1630	100			1633 0 20

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 8 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 8082LL_W

Sample ID: 1016/1260 CCV	SampType: CCV	TestCode: 8082LL_W	Units: µg/L	Prep Date:	RunNo: 23943
Client ID: CCV	Batch ID: 10810	TestNo: SW 8082A	SW3510_PCB	Analysis Date: 2/22/2016	SeqNo: 322867
Analyte					
Aroclor 1016/1260	Result	PQL	SPK value	SPK Ref Val	%REC
	2.15	0.0200	2.000	0	108
				85	115

Sample ID: MB-10810	SampType: MBLK	TestCode: 8082LL_W	Units: µg/L	Prep Date: 2/19/2016	RunNo: 23943
Client ID: PBW	Batch ID: 10810	TestNo: SW 8082A	SW3510_PCB	Analysis Date: 2/22/2016	SeqNo: 322868
Analyte					
Aroclor 1016	Result	PQL	SPK value	SPK Ref Val	%REC
	ND	0.0200			
Aroclor 1221		ND	0.0200		
Aroclor 1232		ND	0.0200		
Aroclor 1242		ND	0.0200		
Aroclor 1248		ND	0.0200		
Aroclor 1254		ND	0.0200		
Aroclor 1260		ND	0.0200		
Aroclor 1262		ND	0.0200		
Aroclor 1268		ND	0.0200		
Surr: Decachlorobiphenyl	200		200.0	100	45
				45	107

Sample ID: LCS-10810	SampType: LCS	TestCode: 8082LL_W	Units: µg/L	Prep Date: 2/19/2016	RunNo: 23943
Client ID: LCSW	Batch ID: 10810	TestNo: SW 8082A	SW3510_PCB	Analysis Date: 2/22/2016	SeqNo: 322869
Analyte					
Aroclor 1016/1260	Result	PQL	SPK value	SPK Ref Val	%REC
	1.66	0.0200	2.000	0	82.8
				40.4	110

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 9 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 8082LL_W

Sample ID: LCSD-10810	SampType: LCSD	TestCode: 8082LL_W	Units: µg/L	Prep Date: 2/19/2016	RunNo: 23943
Client ID: LCSS02	Batch ID: 10810	TestNo: SW 8082A	SW3510_PCB	Analysis Date: 2/22/2016	SeqNo: 322870
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Aroclor 1016/1260	1.42	0.0200	2.000	0	70.8
				40.4	110
				1.656	15.7
					20

Sample ID: 1016/1260 CCV	SampType: CCV	TestCode: 8082LL_W	Units: µg/L	Prep Date:	RunNo: 23943
Client ID: CCV	Batch ID: 10810	TestNo: SW 8082A	SW3510_PCB	Analysis Date: 2/22/2016	SeqNo: 322874
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Aroclor 1016/1260	2.14	0.0200	2.000	0	107
				85	115

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSdlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 10 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 8270BN_W

Sample ID: CCV MSSWS-1384	SampType: CCV	TestCode: 8270BN_W	Units: µg/L	Prep Date:				RunNo: 24007
Client ID: CCV	Batch ID: 10855	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016				SeqNo: 323801
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Bis(2-ethylhexyl)phthalate	39.5	1.00	40.00	0	98.8	80	120	
Butyl benzyl phthalate	40.0	1.00	40.00	0	100	80	120	
Diethyl phthalate	45.1	1.00	40.00	0	113	80	120	
Dimethyl phthalate	35.6	1.00	40.00	0	88.9	80	120	
Di-n-butyl phthalate	33.2	1.00	40.00	0	83.1	80	120	
Di-n-octyl phthalate	40.2	1.00	40.00	0	100	80	120	

Sample ID: LCS-10855	SampType: LCS	TestCode: 8270BN_W	Units: µg/L	Prep Date: 2/23/2016				RunNo: 24007
Client ID: LCSW	Batch ID: 10855	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016				SeqNo: 323802
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Bis(2-ethylhexyl)phthalate	36.4	1.00	50.00	0	72.8	30	120	
Butyl benzyl phthalate	36.2	1.00	50.00	0	72.3	30	120	
Diethyl phthalate	42.4	1.00	50.00	0	84.9	30	120	
Dimethyl phthalate	33.8	1.00	50.00	0	67.6	30	120	
Di-n-butyl phthalate	31.3	1.00	50.00	0	62.6	30	120	
Di-n-octyl phthalate	38.2	1.00	50.00	0	76.5	30	120	

Sample ID: LCSD-10855	SampType: LCSD	TestCode: 8270BN_W	Units: µg/L	Prep Date: 2/23/2016				RunNo: 24007
Client ID: LCSS02	Batch ID: 10855	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016				SeqNo: 323803
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Bis(2-ethylhexyl)phthalate	38.6	1.00	50.00	0	77.1	30	120	36.42

Qualifiers:	B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit	Page 11 of 26
	O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco	

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: 8270BN_W

Sample ID: LCSD-10855	SampType: LCSD	TestCode: 8270BN_W	Units: µg/L	Prep Date: 2/23/2016	RunNo: 24007
Client ID: LCSS02	Batch ID: 10855	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016	SeqNo: 323803
Analyte					
	Result	PQL	SPK value	SPK Ref Val	%REC
Butyl benzyl phthalate	39.2	1.00	50.00	0	78.4
Diethyl phthalate	43.9	1.00	50.00	0	87.9
Dimethyl phthalate	35.0	1.00	50.00	0	70.1
Di-n-butyl phthalate	31.6	1.00	50.00	0	63.1
Di-n-octyl phthalate	39.6	1.00	50.00	0	79.3
				LowLimit	HighLimit
				30	120
				36.16	8.02
				42.43	3.47
				33.81	3.57
				31.29	0.827
				38.24	3.62
					20

Sample ID: MB-10855	SampType: MBLK	TestCode: 8270BN_W	Units: µg/L	Prep Date: 2/23/2016	RunNo: 24007
Client ID: PBW	Batch ID: 10855	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016	SeqNo: 323804
Analyte					
	Result	PQL	SPK value	SPK Ref Val	%REC
Bis(2-ethylhexyl)phthalate	ND	1.00			
Butyl benzyl phthalate	ND	1.00			
Diethyl phthalate	ND	1.00			
Dimethyl phthalate	ND	1.00			
Di-n-butyl phthalate	ND	1.00			
Di-n-octyl phthalate	ND	1.00			
Surr: 2-Fluorobiphenyl	65.7		100.0	65.7	33.1
Surr: 4-Terphenyl-d14	79.9		100.0	79.9	41
Surr: Nitrobenzene-d5	66.3		100.0	66.3	28.9
				96.2	122
				99.9	

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSdlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 12 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: Hg_WW

Sample ID: MB-10830	SampType: MBLK	TestCode: Hg_WW	Units: mg/L	Prep Date: 2/23/2016	RunNo: 23949						
Client ID: PBW	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322915						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.000100									

Sample ID: LCS-10830	SampType: LCS	TestCode: Hg_WW	Units: mg/L	Prep Date: 2/23/2016	RunNo: 23949						
Client ID: LCSW	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322916						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00407	0.000100	0.004000	0	102	80	120				

Sample ID: 1602143-001EDUP	SampType: DUP	TestCode: Hg_WW	Units: mg/L	Prep Date: 2/23/2016	RunNo: 23949						
Client ID: CB-26	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322918						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.000100							0	0	20 RF

Sample ID: 1602143-001EMS	SampType: MS	TestCode: Hg_WW	Units: mg/L	Prep Date: 2/23/2016	RunNo: 23949						
Client ID: CB-26	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322919						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00346	0.000100	0.004000	0.00002150	85.9	69.5	125				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 13 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: Hg_WW

Sample ID: 1602143-001EMSD	SampType: MSD	TestCode: Hg_WW	Units: mg/L	Prep Date: 2/23/2016	RunNo: 23949
Client ID: CB-26	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322920
Analyte					
Mercury	Result	PQL	SPK value	SPK Ref Val	%REC
	0.00314	0.000100	0.004000	0.00002150	78.0
				LowLimit	HighLimit
				125	0.003459
					9.57
					20
					Qual

Sample ID: CCV	SampType: CCV	TestCode: HG_WW	Units: mg/L	Prep Date:	RunNo: 23949
Client ID: CCV	Batch ID: 10830	TestNo: E245.2	E245.1	Analysis Date: 2/23/2016	SeqNo: 322926
Analyte					
Mercury	Result	PQL	SPK value	SPK Ref Val	%REC
	0.00410	0.000100	0.004000	0	102
				LowLimit	HighLimit
				90	110
					RPD Ref Val
					%RPD
					RPDLimit
					Qual

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 14 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: NWTPHDXL_W

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDXL _L Units: mg/L			Prep Date:			RunNo: 23907			
Client ID: CCV	Batch ID: 10802	TestNo: NWTPH-Dx SW3510B			Analysis Date: 2/18/2016			SeqNo: 322377			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	6.09	0.0800	6.000	0	102	85	115				
Lube Oil	2.75	0.200	3.000	0	91.5	85	115				

Sample ID: MB-10802	SampType: MBLK	TestCode: NWTPHDXL _L Units: mg/L			Prep Date: 2/18/2016			RunNo: 23907			
Client ID: PBW	Batch ID: 10802	TestNo: NWTPH-Dx SW3510B			Analysis Date: 2/18/2016			SeqNo: 322378			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.0800									
Lube Oil	ND	0.200									
Surr: o-Terphenyl	0.197		0.2000		98.5	50	150				

Sample ID: LCS-10802	SampType: LCS	TestCode: NWTPHDXL _L Units: mg/L			Prep Date: 2/18/2016			RunNo: 23907			
Client ID: LCSW	Batch ID: 10802	TestNo: NWTPH-Dx SW3510B			Analysis Date: 2/18/2016			SeqNo: 322379			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1.06	0.0800	1.000	0	106	60.7	121				
Lube Oil	1.07	0.200	1.000	0	107	64	126				

Sample ID: LCSD-10802	SampType: LCSD	TestCode: NWTPHDXL _L Units: mg/L			Prep Date: 2/18/2016			RunNo: 23907			
Client ID: LCSS02	Batch ID: 10802	TestNo: NWTPH-Dx SW3510B			Analysis Date: 2/18/2016			SeqNo: 322380			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSdlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 15 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: NWTPHDXL_W

Sample ID: LCSD-10802	SampType: LCSD	TestCode: NWTPHDXL	Units: mg/L	Prep Date: 2/18/2016	RunNo: 23907
Client ID: LCSS02	Batch ID: 10802	TestNo: NWTPH-Dx	SW3510B	Analysis Date: 2/18/2016	SeqNo: 322380
Analyte					
Diesel	Result	PQL	SPK value	SPK Ref Val	%REC
1.13	0.0800	1.000	0	113	60.7
Lube Oil		0.200	1.000	0	117
				64	121
				126	1.064
				1.066	6.06
					20
					9.30
					20

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDXL	Units: mg/L	Prep Date:	RunNo: 23907
Client ID: CCV	Batch ID: 10802	TestNo: NWTPH-Dx	SW3510B	Analysis Date: 2/19/2016	SeqNo: 322525
Analyte					
Diesel	Result	PQL	SPK value	SPK Ref Val	%REC
6.17	0.0800	6.000	0	103	85
Hydraulic Oil		0.200	3.000	0	100
3.00				85	115
Lube Oil		0.200	3.000	0	88.7
2.66				85	115

Sample ID: MB-10802	SampType: MBLK	TestCode: NWTPHDXL	Units: mg/L	Prep Date: 2/18/2016	RunNo: 23907
Client ID: PBW	Batch ID: 10802	TestNo: NWTPH-Dx	SW3510B	Analysis Date: 2/19/2016	SeqNo: 322526
Analyte					
Hydraulic Oil	Result	PQL	SPK value	SPK Ref Val	%REC
	ND	0.200			

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDXL	Units: mg/L	Prep Date:	RunNo: 23907
Client ID: CCV	Batch ID: 10802	TestNo: NWTPH-Dx	SW3510B	Analysis Date: 2/19/2016	SeqNo: 322534
Analyte					
Diesel	Result	PQL	SPK value	SPK Ref Val	%REC
7.99	0.0800	8.000	0	99.8	85
				115	

Qualifiers: <ul style="list-style-type: none"> B Analyte detected in the associated Method Blank O RSD is greater than RSdlimit 	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 16 of 26
--	--	--	---------------

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: NWTPHDXLL_W

Sample ID: CCV	SampType: CCV	TestCode: NWTPHDXLL	Units: mg/L	Prep Date:	RunNo: 23907
Client ID: CCV	Batch ID: 10802	TestNo: NWTPH-Dx	SW3510B	Analysis Date: 2/19/2016	SeqNo: 322534
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Hydraulic Oil	3.66	0.200	4.000	0	91.4
Lube Oil	3.54	0.200	4.000	0	88.4
				LowLimit	HighLimit
				85	115
				RPD Ref Val	%RPD
				85	RPDLimit
				115	Qual

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSdlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 17 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: NWTPHGX_W

Sample ID: LCS	SampType: LCS	TestCode: NWTPHGX_	Units: µg/L	Prep Date:	RunNo: 23917
Client ID: LCSW	Batch ID: R23917	TestNo: NWTPH-Gx		Analysis Date: 2/19/2016	SeqNo: 322535
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Gasoline	2090	100	2000	0	104 74.4 128

Sample ID: MBLK	SampType: MBLK	TestCode: NWTPHGX_	Units: µg/L	Prep Date:	RunNo: 23917
Client ID: PBW	Batch ID: R23917	TestNo: NWTPH-Gx		Analysis Date: 2/19/2016	SeqNo: 322536
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Gasoline	ND	100			
Surr: 4-Bromofluorobenzene	119		100.0		119 50 150

Sample ID: 1602143-004FDUP	SampType: DUP	TestCode: NWTPHGX_	Units: µg/L	Prep Date:	RunNo: 23917
Client ID: CB-3-POST	Batch ID: R23917	TestNo: NWTPH-Gx		Analysis Date: 2/19/2016	SeqNo: 322540
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Gasoline	ND	100			0 0 20

Sample ID: CCV	SampType: CCV	TestCode: NWTPHGX_	Units: µg/L	Prep Date:	RunNo: 23917
Client ID: CCV	Batch ID: R23917	TestNo: NWTPH-Gx		Analysis Date: 2/19/2016	SeqNo: 322541
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Gasoline	2470	100	2500	0	98.6 80 120

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 18 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: PAHLL_W

Sample ID: CCV MSSWS-1384	SampType: CCV	TestCode: PAHLL_W	Units: µg/L	Prep Date:			RunNo: 23987				
Client ID: CCV	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016			SeqNo: 323441				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.71	0.0500	2.000	0	85.5	80	120				
Acenaphthylene	1.88	0.0500	2.000	0	94.0	80	120				
Anthracene	1.88	0.0500	2.000	0	94.0	80	120				
Benz(a)anthracene	1.90	0.0500	2.000	0	95.0	80	120				
Benzo(a)pyrene	1.76	0.0500	2.000	0	88.0	80	120				
Benzo(b)fluoranthene	1.63	0.0500	2.000	0	81.5	80	120				
Benzo(g,h,i)perylene	1.77	0.0500	2.000	0	88.5	80	120				
Benzo(k)fluoranthene	1.64	0.0500	2.000	0	82.0	80	120				
Chrysene	1.84	0.0500	2.000	0	92.0	80	120				
Dibenz(a,h)anthracene	1.81	0.0500	2.000	0	90.5	80	120				
Fluoranthene	1.93	0.0500	2.000	0	96.5	80	120				
Fluorene	1.85	0.0500	2.000	0	92.5	80	120				
Indeno(1,2,3-cd)pyrene	1.79	0.0500	2.000	0	89.5	80	120				
Naphthalene	1.99	0.0500	2.000	0	99.5	80	120				
Phenanthrene	1.87	0.0500	2.000	0	93.5	80	120				
Pyrene	1.86	0.0500	2.000	0	93.0	80	120				

Sample ID: LCS-10824	SampType: LCS	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016			RunNo: 23987				
Client ID: LCSW	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016			SeqNo: 323442				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	3.00	0.0500	5.000	0	60.0	35.1	100				
Acenaphthylene	3.24	0.0500	5.000	0	64.8	29	89.1				
Anthracene	3.52	0.0500	5.000	0	70.4	42	97.4				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 19 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: PAHLL_W

Sample ID: LCS-10824	SampType: LCS	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016	RunNo: 23987		
Client ID: LCSW	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016	SeqNo: 323442		
Analyte							
Benz(a)anthracene	Result	PQL	SPK value	SPK Ref Val	%REC		
3.57	0.0500	5.000	0	71.4	34.2	95.8	
Benzo(a)pyrene		0.0500	5.000	0	66.6	23.4	103
Benzo(b)fluoranthene		0.0500	5.000	0	60.6	36.6	99.5
Benzo(g,h,i)perylene		0.0500	5.000	0	65.4	20.8	120
Benzo(k)fluoranthene		0.0500	5.000	0	63.4	39.7	93.4
Chrysene		0.0500	5.000	0	67.0	39.1	119
Dibenz(a,h)anthracene		0.0500	5.000	0	66.2	5.05	89
Fluoranthene		0.0500	5.000	0	78.8	42.4	95.9
Fluorene		0.0500	5.000	0	65.2	37.4	88.4
Indeno(1,2,3-cd)pyrene		0.0500	5.000	0	66.2	10.5	98.4
Naphthalene		0.0500	5.000	0	69.4	25.6	106
Phenanthrene		0.0500	5.000	0	74.8	38.1	106
Pyrene		0.0500	5.000	0	71.6	41.3	118

Sample ID: LCSD-10824	SampType: LCSD	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016	RunNo: 23987					
Client ID: LCSS02	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016	SeqNo: 323443					
Analyte										
Acenaphthene	Result	PQL	SPK value	SPK Ref Val	%REC					
2.73	0.0500	5.000	0	54.6	35.1	100	3.000	9.42	20	
Acenaphthylene		0.0500	5.000	0	58.6	29	89.1	3.240	10.0	20
Anthracene		0.0500	5.000	0	67.4	42	97.4	3.520	4.35	20
Benz(a)anthracene		0.0500	5.000	0	68.6	34.2	95.8	3.570	4.00	20
Benzo(a)pyrene		0.0500	5.000	0	67.4	23.4	103	3.330	1.19	20
Benzo(b)fluoranthene		0.0500	5.000	0	67.4	36.6	99.5	3.030	10.6	20

Qualifiers:	B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit	Page 20 of 26
	O	RSD is greater than RSDlimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco	

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: PAHLL_W

Sample ID: LCSD-10824	SampType: LCSD	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016	RunNo: 23987
Client ID: LCSS02	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016	SeqNo: 323443
Analyte					
Benzo(g,h,i)perylene	Result	PQL	SPK value	SPK Ref Val	%REC
3.16	0.0500	5.000	0	63.2	20.8
Benzo(k)fluoranthene		0.0500	5.000	0	63.6
3.18		5.000	0	39.7	93.4
Chrysene		0.0500	5.000	0	67.8
3.39		5.000	0	39.1	119
Dibenz(a,h)anthracene		0.0500	5.000	0	62.0
3.10		5.000	0	5.05	89
Fluoranthene		0.0500	5.000	0	71.4
3.57		5.000	0	42.4	95.9
Fluorene		0.0500	5.000	0	60.8
3.04		5.000	0	37.4	88.4
Indeno(1,2,3-cd)pyrene		0.0500	5.000	0	64.2
3.21		5.000	0	10.5	98.4
Naphthalene		0.0500	5.000	0	60.4
3.02		5.000	0	25.6	106
Phenanthrene		0.0500	5.000	0	69.0
3.45		5.000	0	38.1	106
Pyrene		0.0500	5.000	0	76.2
3.81		5.000	0	41.3	118

Sample ID: MB-10824	SampType: MBLK	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016	RunNo: 23987
Client ID: PBW	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016	SeqNo: 323444
Analyte					
Acenaphthene	Result	PQL	SPK value	SPK Ref Val	%REC
ND	0.0500				
Acenaphthylene		0.0500			
Anthracene		0.0500			
ND					
Benz(a)anthracene		0.0500			
ND					
Benzo(a)pyrene		0.0500			
ND					
Benzo(b)fluoranthene		0.0500			
ND					
Benzo(g,h,i)perylene		0.0500			
ND					
Benzo(k)fluoranthene		0.0500			
ND					
Chrysene		0.0500			
ND					

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 21 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: PAHLL_W

Sample ID: MB-10824	SampType: MBLK	TestCode: PAHLL_W	Units: µg/L	Prep Date: 2/22/2016	RunNo: 23987
Client ID: PBW	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/24/2016	SeqNo: 323444
Analyte					
Dibenz(a,h)anthracene	Result	PQL	SPK value	SPK Ref Val	%REC
Fluoranthene	ND	0.0500			
Fluorene	ND	0.0500			
Indeno(1,2,3-cd)pyrene	ND	0.0500			
Naphthalene	ND	0.0500			
Phenanthrene	ND	0.0500			
Pyrene	ND	0.0500			
Surr: 2-Fluorobiphenyl	74.8	100.0		74.8	18.6
Surr: Nitrobenzene-d5	68.5	100.0		68.5	17
Surr: Terphenyl-d14	82.2	100.0		82.2	39.6
					106
					130
					131

Sample ID: CCV MSSWS-1384	SampType: CCV	TestCode: PAHLL_W	Units: µg/L	Prep Date:	RunNo: 23987
Client ID: CCV	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016	SeqNo: 323445
Analyte					
Acenaphthene	Result	PQL	SPK value	SPK Ref Val	%REC
Acenaphthylene	1.73	0.0500	2.000	0	86.5
Anthracene	1.85	0.0500	2.000	0	92.5
Benz(a)anthracene	1.89	0.0500	2.000	0	94.5
Benzo(a)pyrene	1.85	0.0500	2.000	0	92.5
Benzo(b)fluoranthene	1.76	0.0500	2.000	0	88.0
Benzo(g,h,i)perylene	2.13	0.0500	2.000	0	106
Benzo(k)fluoranthene	1.69	0.0500	2.000	0	80
Chrysene	1.70	0.0500	2.000	0	120
					120
					120
					120

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 22 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: PAHLL_W

Sample ID: CCV MSSWS-1384	SampType: CCV	TestCode: PAHLL_W	Units: µg/L	Prep Date:			RunNo: 23987				
Client ID: CCV	Batch ID: 10824	TestNo: SW8270D	SW 3510C	Analysis Date: 2/25/2016			SeqNo: 323445				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	1.68	0.0500	2.000	0	84.0	80	120				
Fluoranthene	2.00	0.0500	2.000	0	100	80	120				
Fluorene	1.92	0.0500	2.000	0	96.0	80	120				
Indeno(1,2,3-cd)pyrene	1.66	0.0500	2.000	0	83.0	80	120				
Naphthalene	2.00	0.0500	2.000	0	100	80	120				
Phenanthrene	1.91	0.0500	2.000	0	95.5	80	120				
Pyrene	2.02	0.0500	2.000	0	101	80	120				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDLimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

Page 23 of 26

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.
Project: Lampros / 108.00895.00003

TestCode: TOC_W

Sample ID: LCS-R23891	SampType: LCS	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: LCSW	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/17/2016	SeqNo: 322185
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Organic Carbon, Total	9.74	1.00	10.00	0	97.4
				84.1	109

Sample ID: MB-R23891	SampType: MBLK	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: PBW	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/17/2016	SeqNo: 322186
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Organic Carbon, Total	ND	1.00			

Sample ID: 1602097-002FMS	SampType: MS	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: ZZZZZZ	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/17/2016	SeqNo: 322192
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Organic Carbon, Total	54.6	4.00	20.00	33.61	105
				74.7	121

Sample ID: 1602097-002FMSD	SampType: MSD	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: ZZZZZZ	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/17/2016	SeqNo: 322193
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Organic Carbon, Total	54.4	4.00	20.00	33.61	104
				74.7	121
				54.56	0.208
					20

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: TOC_W

Sample ID: R23891CCV	SampType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: CCV	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/17/2016	SeqNo: 322195
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	9.32	1.00	10.00	0	93.2 90 110

Sample ID: R23891CCV	SampType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: CCV	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/18/2016	SeqNo: 322483
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	9.69	1.00	10.00	0	96.9 90 110

Sample ID: R23891CCB	SampType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: CCB	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/18/2016	SeqNo: 322484
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	1.00			

Sample ID: R23891CCV	SampType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 23891
Client ID: CCV	Batch ID: R23891	TestNo: M5310 B		Analysis Date: 2/18/2016	SeqNo: 322488
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	9.66	1.00	10.00	0	96.6 90 110

Qualifiers:	B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit	Page 25 of 26
	O	RSD is greater than RSDLimit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco	

QC SUMMARY REPORT

WO#: 1602143
01-Mar-16

Specialty Analytical

Client: SLR International Corp.

Project: Lampros / 108.00895.00003

TestCode: TSS_WW

Sample ID: MB-R23922	SampType: MBLK	TestCode: TSS_WW	Units: mg/L	Prep Date:	RunNo: 23922
Client ID: PBW	Batch ID: R23922	TestNo: M2540 D		Analysis Date: 2/18/2016	SeqNo: 322566
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	ND	5.00			

Sample ID: LCS-R23922	SampType: LCS	TestCode: TSS_WW	Units: mg/L	Prep Date:	RunNo: 23922
Client ID: LCSW	Batch ID: R23922	TestNo: M2540 D		Analysis Date: 2/18/2016	SeqNo: 322567
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	91.0	5.00	100.0	0	91.0 80 105

Sample ID: 1602143-002ADUP	SampType: DUP	TestCode: TSS_WW	Units: mg/L	Prep Date:	RunNo: 23922
Client ID: CB-11-Pre	Batch ID: R23922	TestNo: M2540 D		Analysis Date: 2/18/2016	SeqNo: 322572
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	108	5.00			107.0 0.930 20

Sample ID: 1602143-005ADUP	SampType: DUP	TestCode: TSS_WW	Units: mg/L	Prep Date:	RunNo: 23922
Client ID: CB-3-Pre	Batch ID: R23922	TestNo: M2540 D		Analysis Date: 2/18/2016	SeqNo: 322576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Suspended Solids	55.0	5.00			51.00 7.55 20

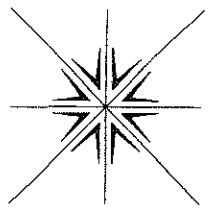
KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result greater than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page 1 of 1



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Collected By:

Chris Kramer

Signature:

Chris Kramer

Printed:

Chris Kramer

Signature:

Printed:

Turn Around Time

Normal 5-7 Business Days

Rush _____

Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses							For Laboratory Use			
					PAH's	PCBs	Metals - PDX Stormwater	Ni/TPH-Ga	Ni/TPH-Dx	TSS	TDC	Phthalates	Laboratory Notes	Comments	Lab I.D.
2/17/16	1620	CB-26	W	11	X	X	X	X	X	X	X				
	1625	CB-11- Pre		2	X	X			X						
	1630	CB-11- Post		11	X	X	X	X	X	X	X				
	1640	CB-3- Post		11	X	X	X	X	X	X	X				
	1655	CB-3- Pre		2	X			X							
Relinquished By:		<u>Chris Kramer</u>		Date	2/18/16	Time	940	Received By:			Relinquished By:				
Company:		<u>SLR</u>		Date		Time		Company:			Date		Time		
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)								Received For Lab By:				Date		2/18/16	Time
								<u>Z</u>							940